

NOvA Operations Status

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Detector Operations

11/30 10:00 AM — 12/07 10:00 AM

105 minutes of NearDet DAQ downtime

Starting up after beam downtime, encountered some DAQ issues; delayed bringing ND online.

237 minutes FarDet DAQ downtime

All (5) instances begun by same error message, which references our Data Logger. Computing Division is currently working with us to resolve Data Logger instabilities.

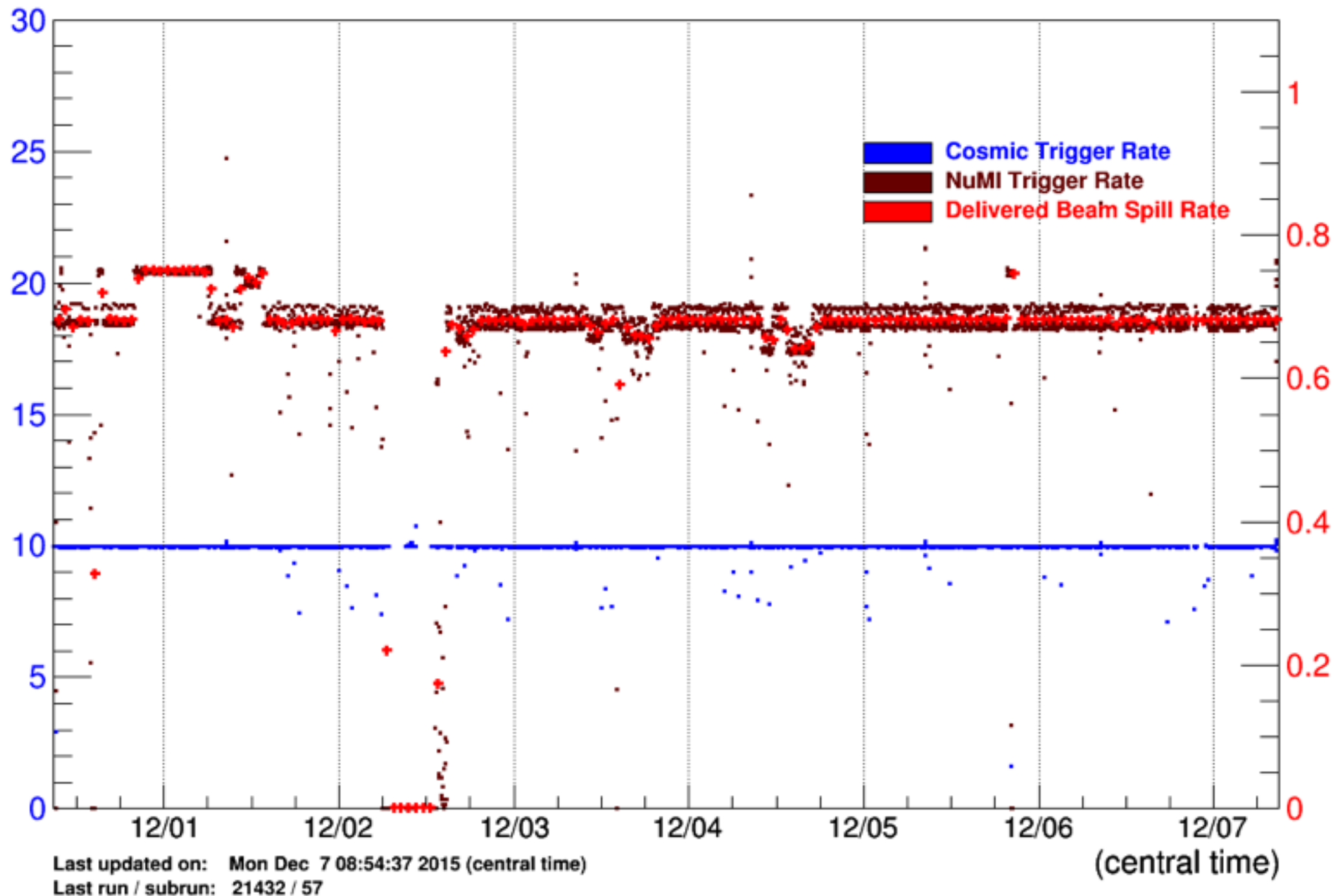
Maintenance work

Last Wed, replaced water cooling pipe on ND that was causing slow leak (order of months between needing top-offs). Replaced ~8 units on FD that had a > 20% rate of being noisy or non-reporting.

During booster cavity access this week, Ash River will install and test a newly-rebuilt (backup) compressor; both FD and ND will see issue APD/FEB units replaced.

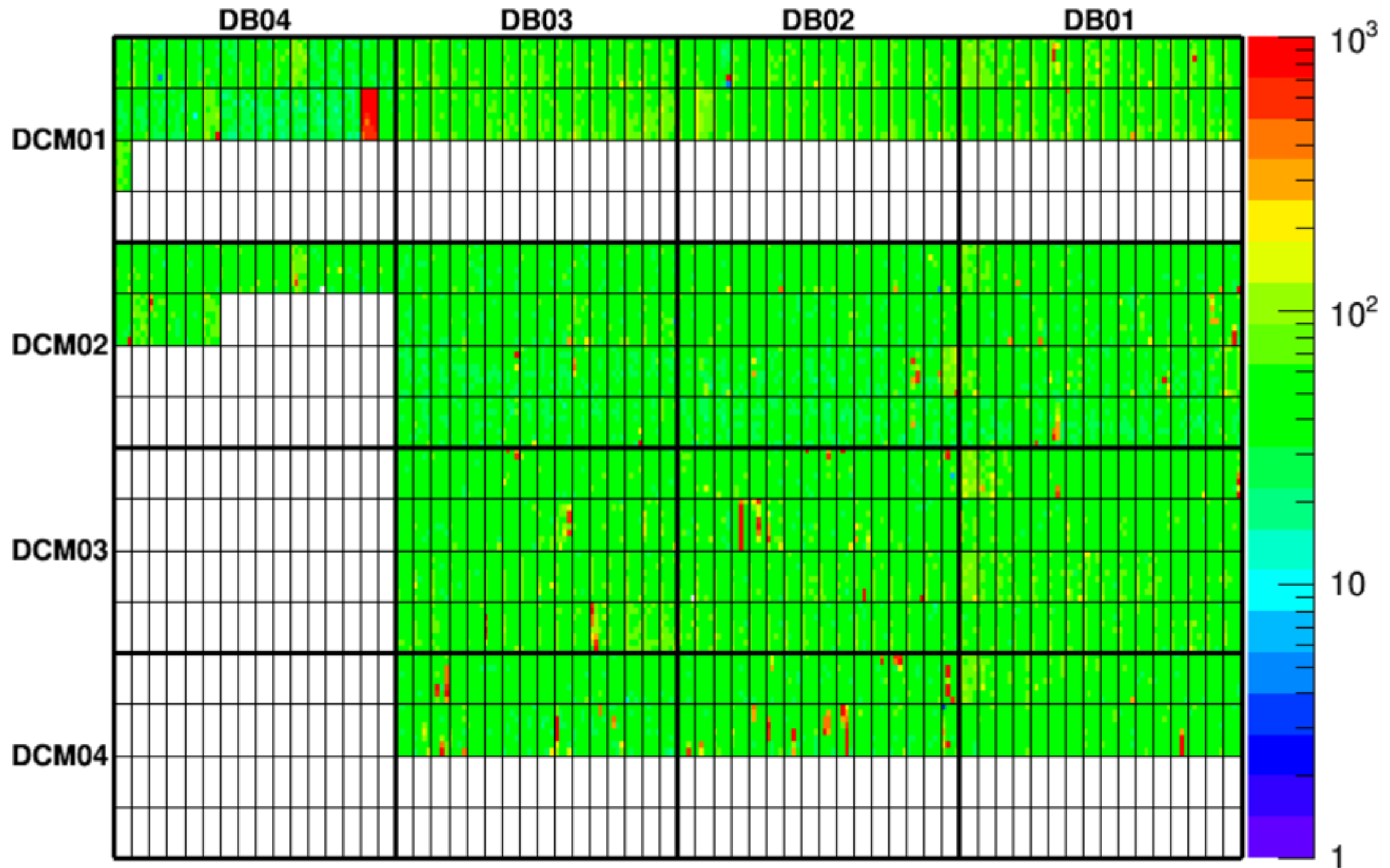
FarDet recorded 99.1% of delivered POT last week

Average Trigger and Spill Rates (Hz) - partition 1



NearDet FEB Hit Rates (by pixel)

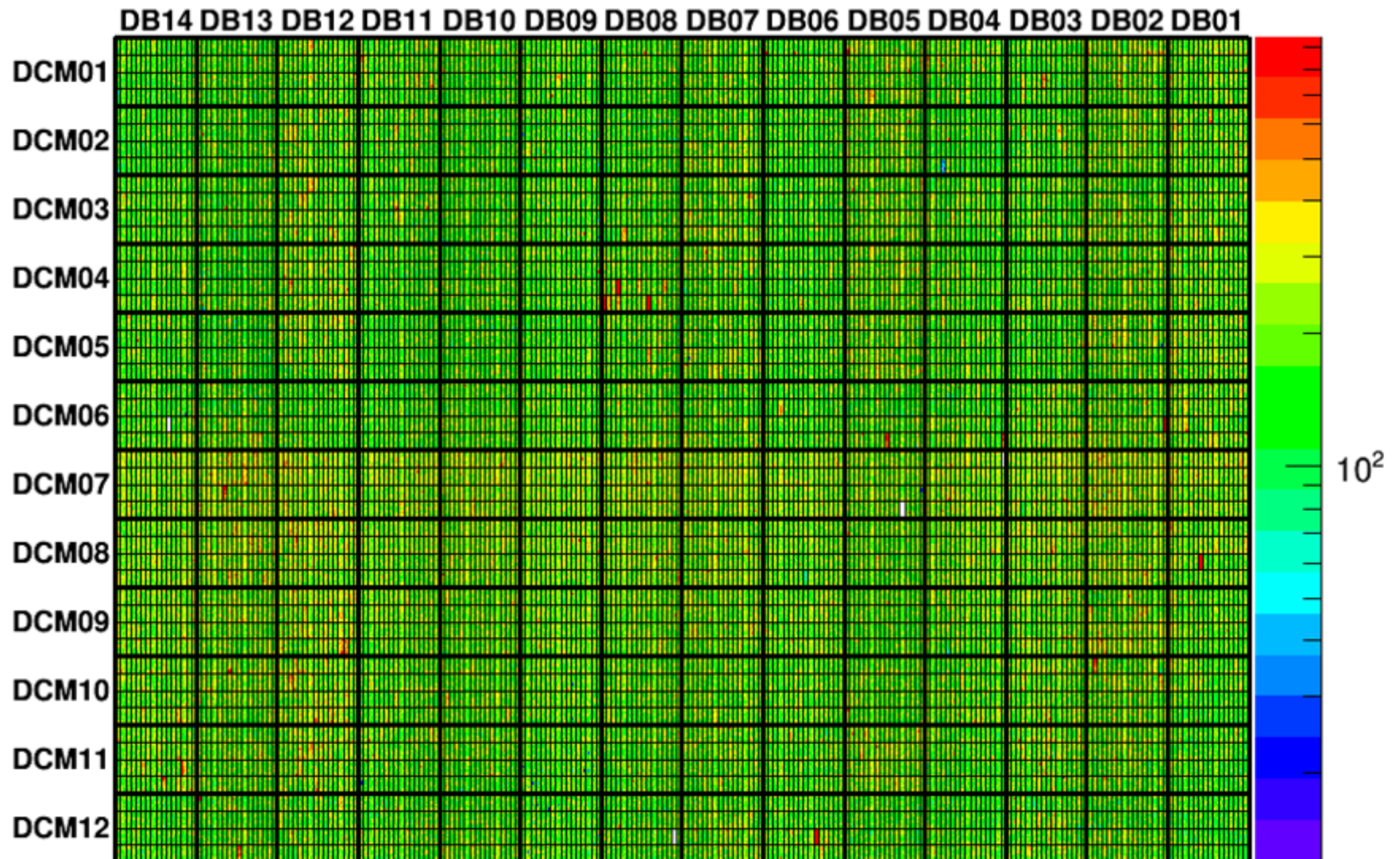
Hit rate recorded by Pixel in Hz



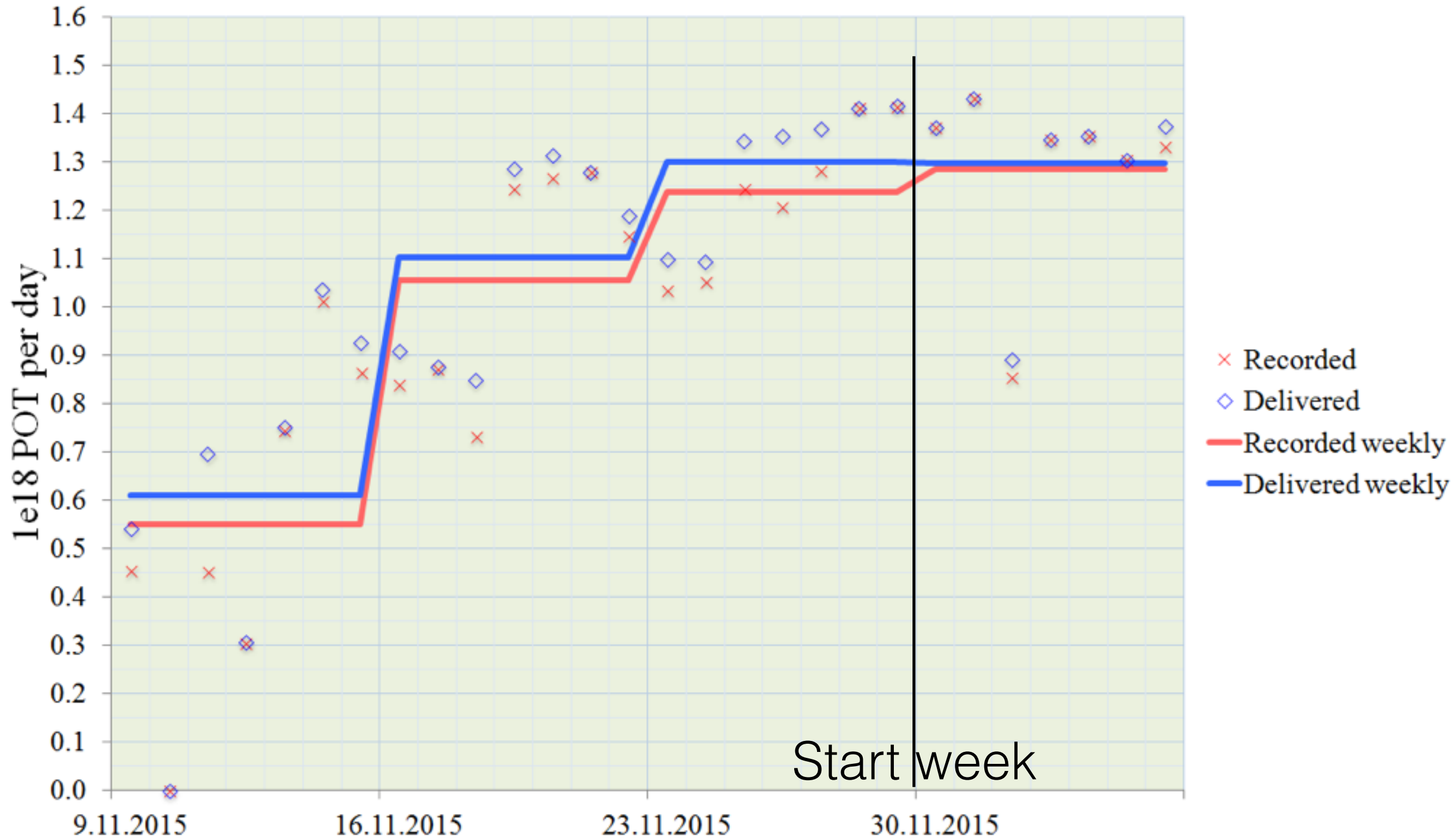
FarDet: FEB Hit Rates (by pixel)

Hit rate recorded by Pixel in Hz

(< 0.2 % issue channels)



FD: Accumulated POTs



FD: Protons Recorded / Delivered

